

Comparing Different Types of Objects

The following external objects can be compared with Predict objects:

- Adabas Databases
- Adabas Files
- Vista Translation Tables
- DDMs
- Adabas Tables and Views
- DB2 Databases
- DB2 Storagegroups
- DB2 Tablespaces
- DB2 Tables and Views

Comparing Adabas Databases

Prerequisites

Adabas Online Services must be available if a database of Adabas Version 6 or above is to be compared.

If Natural Security function protection for Predict is activated, permission is required to compare Adabas databases.

See also General Prerequisites for Comparison Functions.

Calling the Function

The Compare DD Objects with Adabas DBs screen is called with code C and object code AD in any Predict main menu or with the command COMPARE ADABAS-DATABASE.

```

10:53:02      ***** P R E D I C T  4.2.2  *****
Plan    0      - Compare DD Objects with ADABAS C DBs -
2002-07-31
Profile HNO

Current VM ..... HOME

Database ID .....
Database number .....
Belongs to VM ......

List options           Update options
DB attributes ....* D  DB attributes .... N (Y/N)
File list .....* D   File list
                      Unlink files ... N (Y/N)

Restrictions .....*  Profile HNO ,used

```

Parameters	
Current VM	ID of the virtual machine object identifying the current environment. A read-only field. This value can be changed in the Maintenance options of the Modify User Defaults function or with the command SET VM<virtual machine ID>. If no current VM is specified in the session profile, the Default current virtual machine parameter in the Miscellaneous section of the General Defaults is used.
Database ID	ID of the Predict database object to be compared. Asterisk notation can be used.
Database number	The number of the Adabas database to be compared.
Belongs to VM	Limits the function to databases linked to this virtual machine via association <i>Contains DA</i> . Asterisk notation can be used.
List options	
DB attributes	How attributes of the Predict database object are to be displayed. Y All attributes N No attributes D Different: only database attributes whose values differ.
File list	How files contained in the file list of the Predict database object are to be displayed: Y All files N No files D Different: only files that are either not implemented in the Adabas database or are not linked to a Predict documentation object.
Update options	
DB attributes	Y The attributes of the Predict database object are to be updated.
File list: Unlink files	Y Files that are not implemented in the Adabas database are to be removed from the file list of the Predict database object.

Comparing Adabas Databases in Batch Mode

Command: COMPARE ADABAS-DATABASE

Enter parameters on next line in the positional or keyword form.

Field	Keyword	Position
Database ID	DATABASE-ID	1
Database number	DBNR	2
Belongs to VM	PARENT	3
List options		
DB attributes	LIST-DB	4
File list	LIST-FILE	5
Update options		
DB attributes	UPD-DB	6
Unlink files	UNLINK-FILE	7

Example

To compare all databases of type 'A' with prefix 'TEST' and to display the file lists code the command:

```
COMPARE ADABAS-DATABASE
DATABASE-ID=TEST*, LIST-FILE=Y
```

or

```
COMPARE ADABAS-DATABASE
TEST*, , , , Y
```

The above example uses the Natural parameter ID=, and IA==